

Claims

1. A gas bag module for a vehicle occupant restraint device, said gas bag module comprising a gas generator and a diffusor wherein the diffusor has a cup-shaped section, surrounding said gas generator, and wherein said cup-shaped section has a gas-permeable filter section consisting of a sintered porous material, said porous material being selected from the group consisting of sintered metal powders, sintered metal fibers and metal foams.
2. The gas bag module according to Claim 1, in which said filter section is designed such that it acts as a particle filter for gas (G) flowing therethrough.
3. The gas bag module according to Claim 1, wherein said filter section consists of sintered metal fibers with a porosity of 85-95%.
4. The gas bag module according to Claim 1, wherein said cup-shaped section comprises a side wall and a cover, said side wall being formed from said sintered porous material.
5. The gas bag module according to Claim 1, wherein that said cup-shaped section consists of said sintered porous material.
6. The gas bag module according to Claim 1, in which said cup-shaped section is designed as a deformation element.
7. The gas bag module according to Claim 1, in which said gas generator is mounted so as to be able to oscillate.
8. The gas bag module according to Claim 1, wherein that said cup-shaped section has a rim with a laterally projecting ring-shaped flange provided thereon, which likewise consists of said sintered porous material, at least one fastening element being embedded in said flange and being connected metallurgically with said sintered porous material.
9. The gas bag module according to Claim 1, wherein said gas generator is realized without any filter within said gas generator.